

CHUDACEK, Zdenek; SPINKA, Josef; SEBOR, Jindrich

On the problem of possible hazards in splenoportography. Cesk.
rentgenol. 16 no.3:160-164 Je '62.

1. Rentgenove oddeleni Ustredni vojenske nemocnice v Praze, predn.
dr. F. Sykora.
(ANGIOGRAPHY compl)

SPINKA, J.; ZWETSCHKE, O.

Tracheal lipoma simulating the picture of severe bronchial asthma.
Cas. Lek. Cesk. 101 no.13:395-398 30 Mr '62.

1. Interni oddeleni MUNZ v Plzni, prednosta MUDr. O. Zwetschke II
chirurgicka klinika lekarske fakulty KU v Plzni, prednosta doc. dr.
J. Spinka.

(TRACHEA neoplasms) (LIPOMA diagnosis)
(ASTHMA diagnosis)

SPINKA, J.

Surgical therapy of a large retroperitoneal cyst in a 14-month-old girl. Cesk. pediat. 17 no.11:1005-1007 N '62.

1. Chirurgicka klinika fakultni nemocnice v Plzni, prednosta doc. dr. J. Spinka.

(RETROPERITONEAL NEOPLASMS) (NEPHROBLASTOMA)
(GLUCOSE INJECTION)

HABERMANN, V.; MUSIL, F.; SMULA, Zd.; SPINKA, J.

Contribution to laboratory diagnosis of malignant neoplasms.
(Preliminary communication). Rozhl. chir. 41 no.10:674-679 0 '62.

1. Ustav lekarske chemie fakulty vseobecneho lekarstvi University Karlovy
v Plzni zast. prednosta V. Habermann, prom. lekar II. chirurgicka klinika
fakulty vseobecneho lekarstvi University Karlovy v Plzni prednosta doc.
dr. J. Spinka.

(NEOPLASMS) (BLOOD CHEMICAL ANALYSIS)

CZECHOSLOVAKIA

DUSKOVA, V; SPINKA, J., Docent MD; GRIGAR, L.

1. Clinic of Internal Diseases of the Medical Faculty KU (Klinika chorob vnitrnich lekarske fakultet KU), Pilsen;
2. Surgical Clinic of the Medical Faculty KU, (Chirurgicka klinika lekarske fakulty KU), Pilsen; 3. Central X-Ray Ward of the Faculty of the Hospital (Ustredni rtg oddeleni fakulty nemocnice), Pilsen

Brno, Vnitrní lekarství, No 9, 1963, pp 910-~~19~~ 913.

"Leiomyoma of the Jejunum."

SPINKA, J.; SCHUCK, M.

Sympathetic denervation of the upper extremity by the trans-
pleural axillary approach. Rozh. chir. 42 no. 9:601-604 S '63.

1. I chirurgicka klinika lekarske fakulty KU v Plzni, prednosta
doc. dr. J. Spinka.

(SYMPATECTOMY) (THROMBANGIITIS OBLITERANS)
(RAYNAUD'S DISEASE) (ARM) (PLEURA)
(AXILLA)

SPINKA, Josef; VOJACEK, Vladimir; KARLICEK, Vilem

Postoperative staphylococcal pseudomembranous jejunitis simulating high ileus. Plzen. lek. sborn. 24:115-119 '64

1. Chirurgicka klinika lekarske fakulty University Karlovy v Plzni (predhosta: doc. dr. J. Spinka).

SPINKA, J.; VOJACEK, V.; KARLICEK, V.

Experimental experiences with vascular sutures using Gudov's instrument. Rozhl. chir. 44 no.7:480-485 Jl '65.

1. I. chirurgicka klinika lekarske fakulty Karlovy University v Plzni (prednosta doc. dr. J. Spinka).

CZECHOSLOVAKIA

SPINKA, M.

Medical Ward UNZNV (Lekarenske odd. UNZNV), Prague

Bratislava, Farmaceuticky obzor, No 9, 1963, pp 408-412

"Study on the Regionalization of Doctors in the Capitol
Prague."

SPINKOVA, V.

Thiouracils and methylmercaproimidazoles; analytical studies. Cesk.
farm. 3 no.7:251-254 Sept 54.

(THIOURACIL,
pharmacol.)

(IMIDAZOLES,
methylmercaproimidazoles, pharmacol.)

COUNTRY : Czechoslovakia H-17
CATEGORY :
ABS. JOUR. : RZKhim., No. 1959, No. 87601
AUTHOR : Safarik, L.; Spinkova, V.
INST. TITLE : Titrations in Non-Aqueous Media in Pharmaceutical Analysis. IV. Quantitative Determination of d-4-Amino-3-Isoxazolidone (Cycloserin)
ORIG. PUB. : Ceskosl. farmac., 1958, 7, No 2, 76-77; No 3, 144-146.
ABSTRACT : IV. A method has been developed for volumetric quantitative, potentiometric determination of cycloserin: approximately 50 mg of the sample are dissolved in glacial CH_3COOH and titrated with 0.05 N solution of HClO_4 in the same solvent, using Pt as indicator electrode and graphite, immersed in a saturated solution of $(\text{CH}_3\text{COO})_2\text{Cu}$ in glacial CH_3COOH , as comparison electrode. The measurements were made with a millivoltmeter of Multiscope II type. In accuracy this method does not differ from the classical, but it is much faster and simpler than the latter.

CARD: 1/3

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COUNTRY : CZECHOSLOVAKIA
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Pharmaceuticals. Vitamins. Antibiotics.
ABS. JOUR. : RZhKhim., No 19, 1959, No. 68812
AUTHOR : Svinkova, V.; Ceruv, J.
TITLE : Simple Determination Method of Certain Sulfamides, 4-Aminobenzolsulfonothiourea, 4-Aminomethylbenzolsulfonamide and Their Mixtures With 2-(4'-Aminobenzolsulfonamide)-4-Methylpyridine (Surmal-Bayer)
ORIG. PUB. : Ceskosl. Farmac., 1958, 7, No 10, 591-593

ABSTRACT : Developed is the procedure of quantitative analysis for "marbadal" (I), based on the determination of 4-aminobenzolsulfonothiourea (II), comprising its content, by the argentometric method followed by the diezotization (after the removal of CS-crown). Approximately 0.75 gr I or of a preparation, containing I, are dissolved in 10% NH₄OH, bringing the volume up to 25 ml (using the same solvent). To 10 ml of the solution are then added 1 ml of a 1% solution of 2-(4'-aminobenzolsulfonamide)-4-methylpyridine (Surmal-Bayer) and Their Mixtures With 2-(4'-Aminobenzolsulfonamide)-4-Methylpyridine (Surmal-Bayer)

Cami:

SPINKOVA, V., prom. chem.

Tolazoline hydrochloride. Cesk. farm. 14 no.1:45-46 Ja '65

1. Statni ustav pro kontrolu leciv, Praha.

1. SPINOV, R. I., Engs.; YEVSEYEV, I. Ye.
2. USSR. (600)
4. Electric Switchgear
7. Central control panel for the preliminary press shop., Masl. zhir. prom., 17, No. 9, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

SPINOV, R.I., inzhener; YEVSEYEV, I.Ye., inzhener.

Automatic starting and stoppning of the condensate pump. Masl.-
zhir.prom. 17 no.1);30 '52. (MLRA 10:9)

1. Zaporozhskiy maslozhirkombinat.
(Pumping machinery) (Automatic control)

SPINOV, R.I., inzhener, PITKEVICH, M.G., inzhener; NAUMENKO, P.V..
redaktor; BELIKOV, I.T., tekhnicheskiy redaktor.

[Report on a study of continuous extraction from olive seeds
and oil cake] Otchet po izucheniiu nepreryvnoi ekstraktsii
maslichnykh semian i zhmykhov. Pod spetsial'nym redaktirovaniem
P.V. Naumenko. (Leipzиг) 1946. 213 p. 12 illus. (MLRA 8:11)
(Oils and fats) (Extraction apparatus)

SPINOV, R.I., inzhener; YEVSEYEV, I.Ye., inzhener.

Control device used in skimming off fats. Masl.-zhir.prom. 17
no.8:32 Ag '52. (MLRA 10:9)

1. Zaporozhskiy maslozhirkombinat.
(Oil industries--Equipment and supplies)

1. ГРИМОВ, Р.И., Инг.
2. USSR (600)
4. Oils and Fats
7. Work practice of the extraction shop of the Saporozh'ye Oil and Fat Combine.
Masl. zhir. prom. 17. no. 9. 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

SPINOV, R.I., inzhener.

Decreasing benzine losses in extraction plants. Masl.-zhir.prom. 18 no.
5:7-11 My '53. (MLRA 6:5)

1. Zaporozhskiy maslozhirkombinat. (Oils and fats) (Benzine)

on a narrow shaft through which the filtered glycerin water is also charged.

Card 1/1

S'INOV, R. I.

USSR/Chemical Technology - Chemical Products and Their
Application. Fats and Oils. Waxes. Soap. Detergents.
Flotation Reagents.

I-10

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2697

Author : Spinov, R.I.

Inst : —

Title : Continuous-Operation Inertia Filter

Orig Pub : Maslob.-zhir. prom-st', 1957, No 2, 41-42

Abstract : The filter consists of a housing inside of which are located, on a hollow shaft, the filtering disks, covered with filter-cloth. The oil is driven by a pump through nozzles, passes through the filter cloth and the screen-surface of the disks and enters the hollow shaft, through which it is discharged from the filter. The sludge is removed by means of a bilateral screw-conveyer and a sluice valve, located in the bottom part of the housing. For a periodic blowing of the filtering surfaces air is piped

Card 1/2

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68842.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652710008-1"

Author : Spinov R. I.
Inst : Not given.
Title : Centrifugal Continuous Filter for Vegetable Oils.

Orig Pub: Rev. ind. aliment. prod. vegetale, 1957, No 7, 20-21.

Abstract: Given a diagram and a short description of operation of the continuous centrifugal filter used in the separation of sunflowerseed and other vegetable oils. It has a filtering area of 9m^2 and 2.7 ton/hr. capacity. It is presently employed at the vegetable oil factory in Zaporozh'ye city.

Card 1/1

up to 0.5% in the form of free saponins. Removal of these with lime entails the need for supplementary equipment for neutralization, besides a loss of glycerol and lowering of its quality. The substitution of a fat:water ratio in the hydrolyzer of 4:0.8 for the conventional 4:1 permitted 85.1% conversion and production of glycerol water of 18% concn. in comparison to 13% with the conventional ratio. Commercially glycerol waters with 0.2% or more of fatty acids are evapd. to 87% glycerol content and left for 10 to 12 hrs. to cool, after which the fatty acids are skimmed off. The product is filtered at 30° in the usual way and then put into storage.

H. L. Olin

SPINOV, R.I., inzhener.

Inertial continuous oil filter. Masl.-zhir. prom. 23 no.2-41-42 '57.
(MIRA 10:4)

1. Zapozhzhenskiy maslozhirkombinat.
(Oil filters)

SPINOV, R.I., inzhener; SHKUROPATOVA, Z.I., inzhener.

Pneumatic-tube transportation of oilseed meal. Masl.-zhir. prom. 23
no.3:34-36 '57. (MIRA 10:4)

1. Zaporozhskiy masloshirovoy kombinat.
(Pneumatic-tube transportation) (Oilseeds)

SPINOV, R.I., inzhener.; KAMINSKIY, N.A., inzhener.; PASECHNIK, M.S., kandidat tehnicheskikh nauk.

Increase the functions and responsibilities of plant laboratories in industry. Masl.-zhir. prom. 23 no.5:25-26 '57. (MIRA 10:5)

1. Zaporozhskiy maslozhirkombinat (for Spinov and Kaminskiy). 2. Zaporozhskiy institut sel'skokhozyaystvennogo mashinostroyeniya (for Pasechnik).

(Oils and fats--Analysis)

SPINOV, R.I., inzh.

Cleavage of fats by the spray process. Masl.-zhir.prom. 26
no.1:24-27 Ja '60. (MIRA 13:4)

1. Saratovskiy maslozhirovoy kombinat.
(Saratov--Oils and fats)

SPINOV, R. I., inzh.; CHUBINIDZE, B. N., inzh.

Hydrogenation in column-type units. Masl.-zhir.prom. 26
(MIRA 13:5)
no.2:16-19 F '60.

1. Saratovskiy zhirovoy kombinat.
(Saratov--Oil industries--Equipment and supplies)

PREMET, G.K.; Prinimal uchastiye: LAGOSHA, T.F.; OMEL'CHENKO, N.I.;
SEMENOVA, R.A.; SPINOV, R.I.; VASILINETS, I.M.; RADIONOVA, I.A.;
KOZULIN, N.A., prof.

Entrapping of harmful volatile substances in the manufacture
of drying oils. Lakokras.mat.i ikh prim. no.1:65-67 '63.
(MIRA 16:2)

(Drying oils)

L 59233-65 EWT(m)/EPF(c)/EPF(j)/EPF(k) Pe-Li/Pr-Li RM

ACCESSION NR: AP5016891

UR/0374/65/000/003/0145/0150

678:534.16

33

B

AUTHOR: Germelis, A. A. (Riga); Kalnach, A. G. (Riga); Latishenko, V. A. (Riga); Spintse, L. Ya. (Riga)

TITLE: Dependence of the acoustic and mechanical characteristics of Polyethylene on temperature and cyclic freezing and heating

SOURCE: Mekhanika polimerov, no. 3, 1965, 145-150

TOPIC TAGS: polyethylene, polymer deformation, acoustic property, ultrasound propagation, polymer mechanical property, cold resistance

ABSTRACT: Acoustic and mechanical tests of stabilized high-density polyethylene (HDP) and low-density polyethylene (LDP) were carried out at various temperatures and humidities. The rate of propagation c and degree of damping of ultrasonic waves α were measured, as was the frequency of natural flexural vibrations. The acoustic and mechanical properties were found to remain almost unchanged as the number of freezing and heating cycles (-50°C to +60°C) was changed. Nor were any appreciable changes observed in $\theta - \epsilon$ relations plotted for specimens which were also subjected to various freezing and heating cycles. A complex dependence of the volume change of

Card 1/2

L 59233-65

ACCESSION NR: AP5016891

polyethylene during deformation was observed. It is concluded that both types of polyethylene are cold-resistant, and that acoustic methods can be used for practical studies of the physicomechanical properties of this material. Orig. art. has: 5 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 03Feb65

ENCL: 00

SUB CODE: MT

NO REF SOV: 004

OTHER: 000

dm
Card 2/2

24,1801
S/194/62/000/002/057/096
D273/D301

AUTHOR: Spintsis, I. A.

TITLE: Ultrasonic pulse apparatus for determining the propagation time and the degree of damping of ultrasonic pulses in concretes (IM-2 (IM-2))

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 2, 1962, abstract 2-5-34kh (V sb. Issled. po betonu i zhelezobetonu, no. 5, Riga, AN LatvSSR, 1960, 119-126)

TEXT: As ultrasound is subject to damping in concrete according to a law close to an exponential one, it is proposed to use for determining the damping of ultrasound, an electronic method of adding the exponents of the damped ultrasonic oscillations in a material, which are diverted to an oscilloscope, with an exponent, whose parameters are known. In the described apparatus IM-2 for quality control of concrete, besides the standard ultrasonic pulse fault finder an exponential pulse is used by means of which changes in

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VB

AKUTIN, G.K. [Akutin, H.K.]; GAYEVENKO, Yu.O. [Halevenko, IU.O.];
DYACHENKO, M.Ya.; ZHAROV, M.T.; IVANOV, S.K.; KARYUSHIN,
L.B.; KLODNITSKIY, I.I. [Klodnits'kiy, I.I.]; KOBUS, Yu.Y.
[Kobus, IU.I.]; KOZLYU, V.Y. [Kozliuk, V.I.]; KORYTNIKOV,
V.P.; KOROBKO, M.I.; KOSTOGRIZOV, V.S. [Kostehryzov, V.S.];
LADIYEV, R.Ya. [Ladiyev, R.IA.]; MARTYNIK, S.P. [Martynik,
H.P.]; MEL'NIK, P.M.; kand.tekhn.nauk; NAVOL'NEY, S.Ya.
[Navol'n'ye, S.IA.]; SIN'KOV, V.M.; SPINU, G.O. [Spynu, H.O.];
SHOKHET, L.A.; SHUMILOV, K.A.; KORSAK, Yu.Ye. [Korsak, IU.IE.],
red.; LAGUTIN, I.A. [Iahutin, I.A.], tekhn.red.

[Automation in industry] Avtomatizatsiya v promyslovesti.
Kyiv, Derzh.vyd-vo tekhn.lit-ry URSR, 1960. 288 p.

(MIRA 14:12)

(Automation) (Industrial management)

IVAN, I.; CAJAL, N.; SPINU, I.

Epidemiology and prevention of viral epidemic hepatitis. Stud.
cercet.inframicrobiol., Bucur. 5 no.1-2:75-85 Jan-June 54.
(HEPATITIS, INFECTIOUS,
epidemiol. & prev. in Rumania)

SPINU, I.; BIBERI-MOROIANU, S.

Epidemiological considerations on the evolution of poliomyelitis in Rumania before and after oral vaccination with attenuated live virus. Stud. cercet. inframicrobiol. 13 no.2:175-186 '62.

1. Comunicare prezentata la Sesiunea stiintifica a Institutului de poliomielita si encefalata al Academiei de Stiinte Medicale din U.R.S.S.

(POLIOMYELITIS immunology)

SPINU, I.; BIBERI-MOROIANU, S.; POPA, S.

Considerations on the practice of immunizing children against
transmissible diseases in Rumania. Stud. cercet. inframicrobiol.
13 no.5:593-606 '62.

1. Directia Generala sanitato-antiepidemica din Ministerul Sanatatii
si Prevederilor Sociale, Bucuresti.
(COMMUNICABLE DISEASE CONTROL) (VACCINATION)

SPINU, I.; MARCOVICI, M.; CALOMFIRESCO, Al.; VOLSKI, V.

Study of antipoliomyelitis vaccination with live virus in the city of Bucharest. Arch. roum. path. exp. microbiol. 21 no.1:15-18 Mr '62.

1. Travail de l'Institut "Dr. I. Cantacuzino" — Service de la Poliomyelite.
(POLIOVIRUS VACCINE, ORAL)

SPINU, I.; BALDOVIN-AGAPI, Coralia; BIRZU, I.; MIHALCO, Florica; ROMAN, V.
ROMAN, Stela; BORSAI, Leia; TOMESCO, Elena; KY, Tran

Distribution, according to phage groups and antibiotic sensitivity,
of pathogenic strains of staphylococci isolated in North Vietnam.
Arch. roum. path. exp. microbiol 21 no.1:143-153 Mr '62.

1. Travail du Ministere de la Sante et des Prevoyances Sociales,
Direction Generale Sanitaire Antiepidemique, de l'Institut, "Dr.
I. Cantacuzino" -Service des Cocci Pathogenes et de l'Institut de
Microbiologie de Hanoi.

(STAPHYLOCOCCUS) (ANTIBIOTICS) (DRUG RESISTANCE, MICROBIAL)

SPINU, I.; VASILESCO, Th.

Brucella strains of animal origin isolated for the first time in
North Vietnam. Arch. roum. path. exp. microbiol. 21 no.1:155-158
Mr '62.

1. Travail de l'Institut "Dr. Cantacuzino" effectue a l'Institut de
Microbiologie de Hanoi.

(BRUCELLOSIS, BOVINE)

SPINU, I.; TOPCIU, VI.; TRINH THI HANG QUY; VO VAN HUNG; NGUYEN SY QUOC;
CHU XUAN LUONG; LI VAM TUYEN; NGUYEN VAN AN.

Man as a viral reservoir in an epidemic of leptospirosis occurring in the jungle. Arch. roum. path. exp. microbiol. 22 no. 4: 1081-1100 S-D'63.

1. Travail des Instituts Medico-Pharmaceutiques de Bucarest, d'Hygiene de Timisoara et de Microbiologie de Iasi.

SPINU, I.; PENCEA, I.; HOISIE, Silvia; VASILESCO, Th.; OANA, C.; BUZDUGAN, I.;
SASU, D.

Research on the epidemigenic potential of old tularemia foci.
Arch. roum. path. exp. microbiol. 23 no.3:631-636 S'63

1. Travail de la Direction d'Hygiène et de Protection du Travail
du Ministère de la Santé et des Prévoyances Sociales et de l'Insti-
tut "Dr. I. Cantacuzino", Bucarest.

SPINE, I.; TIMIOGAN, A.; MIHOC, L.; HOROGEA, Gita; HUSUOC, Carmen;
VASILIU, Cristina; BOVAN, Xenia; POPESCU, P.; CAVACU, E.; TOMA, R.

Epidemiological considerations on occupational ornithosis infections.
Stud. cercet. inframicrobiol. 15 no.1:15-20 '64.

1964, Vo Van Hung, et; avec la collaboration de TRINH THI HANG QUY;
VO VAN HUNG; CHE FAUN DUNG; LE VAN TUYEN

Pathogenicity for guinea pigs of strains of Leptospira isolated
from patients and convalescents in North Viet-Nam. Arch. Roum.
path. exp. microbiol. 23 no.4:851-860 D '64.

1. Travail de l'Institut d'Hygiene et de Sante Publique, Timisoara
et de l'Institut "Dr. I. Cantacuzino" (for Topeciu, Spina).
2. Institut de Microbiologie de Hanoi (for Trinh Thi Hang Quy,
Vo Van Hung, Che Faun Dung, Le Van Tuyen). Submitted May 15, 1964.

RUMANIA

616.934-08(R)

SPINU, I., Lect, BIBERI-MOROIANU, Sanda, Dr, POPA, S., Dr, and RÖMAN, V., Dr. Work performed at the Central State Health Inspectorate (Inspectoratul Sanitar de Stat Central) of the Ministry of Health and Social Welfare (Ministerul Sanatatii si Prevederilor Sociale).

"Considerations Concerning the Program for the Eradication of Diphtheria in the Socialist Republic of Rumania."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 4, Jul-Aug 66, pp 289-300.

Abstract [Authors' English summary modified]: The authors present the concept on which Rumania's diphtheria control program was based and summarize the main measures taken and results obtained. The campaign was based on an interruption of the pathogenetic process rather than elimination of the pathogenetic microorganism; it involved primary immunization followed by 4 to 5 re-immunizations of the entire population below 18 years of age, and systematic control of the immunity obtained by means of the Schick test.

Includes 2 tables and 3 figures.

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- 12 -

DEGTYAROVA, A.S.[Dehtiar'ova, A.S.], kand. biol. nauk; PERESIPKIN, V.F.[Peresypkin, V.F.], doktor biol. nauk; prof.; BURKATSKAYA, O.M.[Burkats'ka, O.M.], kand. med. nauk; SPINU, IE.I., kand. med. nauk; KOGAN, Yu.S.[Kohan, IU.S.], kand. med. nauk; MEYSAKHOVICH, Ya.O.[Meissakhovych, IA.O.], kand. tekhn. nauk; SANIN, V.A., kand. sel'khoz. nauk; TARANUKHA, M.D., kand. biol. nauk; ZAGOVORA, O.V. [Zahovora, O.V.], kand. sel'khoz. nauk; ARESHNIKOV, B.A. [Areshnykov, B.A.], kand. biol. nauk; SALUNSKAYA, N.I. [Saluns'ka, N.I.], kand. biol. nauk; KOLODOVA, A.M., kand. sel'khoz. nauk; KITITSYN, IE.M.[Kitytsyn, IE.M.], kand. sel'khoz. nauk; TELENGA, M.A.[Telenha, M.A.], doktor biol. nauk, prof.; POPOVA, O.O., kand. sel'khoz. nauk; MISKO, L.A.; ZRAZHEVSKIY, A.I.[Zrazhevs'kyi, A.I.], kand. sel'khoz. nauk; DYADECHKO, M.F., kand. sel'khoz. nauk; LOPATIN, V.M., kand. biol. nauk; MARKHASEVA, V.A.[Markhas'ova, V.A.], kand. sel'khoz. nauk; FEDOTOVA, K.M., kand. sel'khoz. nauk; TSELLE, M.O., kand. biol. nauk; VASIL'YEV, V.P.[Vasil'iev, V.P.], doktor biol. nauk, prof.; SHISHKOVA, M.I.[Shyshkova, M.I.], kand. sel'khoz. nauk; MARICHEK, Yu.Y.[Marychek, IU.I.], kand. sel'khoz. nauk; SHTERENBERG, P.M.[Shterenberh, P.M.], kand. sel'khoz. nauk; DMITRIYEV, Yu.V., kand. biol. nauk; LOZINSKIY, V.A.[Lozyns'kyi, V.A.], kand. biol. nauk; BRATUS', V.M., kand. sel'khoz. nauk; SOKUR, I.T., doktor biol. nauk; BOLOTIN, K.M.; SAVCHENKO, IE.M., red.; NEMCHENKO, I.IU., tekhn. red.

(Continued on next card)

LIBERMAN, I.G.; MOLODETSKIY, I.G.; SPINUL, N.M.

Changes in the level of the product in vacuum evaporation
apparatus with continuous action. Kons. i ov. prom. 17 no.10:
13-16 0 '62. (MIRA 15:9)

1. Proyektno-konstruktorskiy institut kompleksnoy avtomatizatsii
proizvodstvennykh protsessov v pishchevoy promyshlennosti.
(Evaporating appliances) (Level indicators)

SPINUL, P. [deceased]; VINTILA, I.; CINDEA, A.; STOIANIVICI, V.

DECEASED

Some correlations between sanguine parameters, milk production, and the feeding regime of Rumanian cows. Studii agr Timisoara 9 no.3/4: 283-296 J1-D '62.

1. Membru corespondent al Academiei R.P.R. (for Spinul). 2. Laboratorul de biologie animala, Baza de cercetari stiintifice Timisoara a Academiei R.P.R.

ACC NR: AP7001976

SOURCE CODE: GE /0030/66/018/002/0769/0778

AUTHOR: Spinulescu-Carnaru, I.

ORG: Electrical Laboratory of the Faculty of Physics, University of Bucharest

TITLE: Crystalline structure of ZnTe thin films

SOURCE: Physica status solidi, v. 18, no. 2, 1966, 769-778

TOPIC TAGS: crystal lattice structure, zinc telluride, stoichiometry, lattice parameter, cubic crystal, hexagonal crystal

ABSTRACT: An investigation has been made of the crystalline structure of ZnTe thin films as a function of stoichiometric and growth conditions. Optimum conditions are determined for producing ZnTe thin films with a pure hexagonal structure. The lattice parameters are computed for cubic and hexagonal crystals of ZnTe. Orig. art. has: 4 figures, 3 formulas, and 2 tables. [Author's abstract]

SUB CODE: 20/SUBM DATE: 29Sep66/ORIG REF: 002/SOV REF: 010/
OTH REF: 007/

Card 1/1

L 36258-66 EWP(t)/ETI IJP(c) JD

ACC NR: AP6019278 SOURCE CODE: QE/0030/66/015/002/0761/0765

AUTHOR: Spinulescu-Carnaru, I.

(P)

44
BORG: Electrical Laboratory of the Faculty of Physics, University of BucharestTITLE: Growth of hexagonal crystallites in CdTe thin filmsSOURCE: Physica status solidi, v. 15, no. 2, 1966, 761-765TOPIC TAGS: crystal growth, hexagonal crystal, cadmium telluride

ABSTRACT: It is shown that the crystal structure of cadmium telluride thin films is strongly affected by a variation in the relative concentration of the metallic and nonmetallic components. Optimum conditions are found which lead to CdTe thin films with a pure hexagonal structure. The constants of the CdTe cubic and hexagonal cells are computed. Orig. art. has: 3 figures, 2 tables and 3 formulas.
[Author's abstract.]

[KS]

SUB CODE: 20/ SUBM DATE: 31Mar66/ SOV REF: 017/ OTH REF: 012

me
Card

1/1

SPLIT 1, P1.

COUNTRY : RUMANIA B
CATEGORY : Physical Chemistry. Kinetics. Combustion. Explosions. Topochemistry. Catalysis
ABS. POUR. : Khim., No 27, 1959, No. 69081

AUTHOR : Niculescu, I.V., Pardan, C., Spiru, I., Costov, T
INSTITUTE : -
TITLE : Investigation of the Dependency of Electrical Resistance on Temperature of Certain Kaolin Clays*
ORIG. PUB. : Studii si cercetari chim., 1958, No 2, 277-285

ABSTRACT : Investigation of changes in the electrical resistance of certain kaolin clays as a function of temperature (100-900°) and of the degree of dehydrogenation (in the same temperature range). As a result of the thermal treatment conducted at 700° and 1100°, kaolinites underwent crystallographic and chemical changes. Electrical resistances of kaolinites declined considerably after exposure to temperature > 600°.

*Employed as supports in the Preparation of catalysts.

Card: 1/1

SPINZI

Distr: 4E3d/
4E2c(j)/4E3c

✓ Physical properties of solid catalysts. II. A study of the
electrical conductivity of catalysts used in converting meth-
ane. / I. V. Niculescu, Maximilian Spinzi, Cristiana For-
dea, and Ion Costov. *Rev. chim. Acad. rep. populare
Roumaine* 3, No. 1, 165-70 (1958). — No significant differ-
ences in elec. cond. of catalyst (NiO 19, MgO 4.5, SiO₂ 31,
Al₂O₃ 43, and Fe₂O₃ 0.9%) and its support (kaolin 65,
Al₂O₃ 30, and MgO 5%) are found at 240°, 320°, 450°, 560°
and 640° in an atm. of O₂ or H₂ in a 4-ml. microreactor.
Characteristic values for 10⁴ log 1/R are -8.08, -7.24,
-8.08, -5.74, and -4.40 for these temps. This indicated
lack of chemisorption may be due to the nature of the
catalyst or too-short contact times. E. D. Witman

7
2 May
3

Spinzi, M.

The physical properties of solid catalysts. I. An apparatus for the determination of electric conductivity of catalysts. M. Spinzi and A. Siccaeanu. Acad. rep. populare Romine, Studii cercetari chim. 6, 555-64 (1958).— An app. for the detn. of the elec. cond. of solid catalysts is described. The app. consists of 2 pistons, sep'd. by a reaction chamber. Into this chamber a thermoelement is introduced, as well as the catalyst and the reaction gases. The pressure in the chamber can be changed by changing the position of the pistons. The app. is connected with a resistance system, where an unknown resistance is compensated by a known one. Mella Pacchi-Horowitz

ROMANIA / Physical Chemistry. Kinetics. Combustion
Explosions. Topochemistry. Catalysis.

B-9

Abs Jour: Ref Zhur-Khimiya, No 10, 1959, 34262

Author : Nicolesen I., Spinzi M., Fordea C., Costov I.

Inst : Not given

Title : Electroconductometrical Investigation of the Catalyst
Employed in the Conversion of Methane

Orig Pub: Studii si cercetari chim., 1958, 6, No 2, 287-293

Abstract: Investigation of changes in the electro-conductivity
of the NiO on Al₂O₃ (containing MgO) catalyst in
the process CH₄ conversion conducted in the stream
of a mixture of CH₄ with H₂ and O₂ at 200 - 900°.
It is shown that at 560-640° the carrier becomes
semi-conductor of the n-type, and the catalyst-
semi-conductor of the p-type.

Card 1/1

10

SPINZI, M.

Physical properties of solid catalysts. III. Electroconductometric study of the catalyst Pt-Al₂O₃ used in the platforming process. Microreactor equipment for the determination of electrical conductivity and for the semiconductor character of metallic oxides and catalysts. I. V. Nicolescu, A. Păunescu, M. Spinzi, and A. Suciu-eanu, *Rev. chim., Acad. rep. popul. România* 4, 76-92 (1950) (in French); cf. *C.A.* 43, 21102b. — A microreactor for the study of elec. cond. of solid catalysts was constructed. Reproducibility was studied by calibrating elec. cond. of NiO and ZnO in air and in a discontinuous H₂ stream, confirming the hypothesis of Heckelsberg, *et al.* (*C.A.* 49, 7969). PtO behaves as a *n*-type semiconductor in the temp. interval 290-600°. As regards the variation of elec. cond. as a function of temp., Al₂O₃ behaves as a very weak semiconductor with pos. holes at low temp. and as an electronic semiconductor at higher temps. The catalyst Pt on Al₂O₃ (1% Pt) used in Platforming appears to be a complex energetic system that behaves as a very weak conductor with pos. holes.

Frederick C. Nachod

5
Jad (VP)

cgf

SPINZI, M.

"Gas chromatography" by Rudolf Kaiser. Reviewed by M. Spinzi. Studii
cer chim 10 m.1:143 '62.

POLAND/Human and Animal Physiology. Thermoregulation.

T-3

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55370.

Author : Dutkiewicz, I.S., Plonski, I., Spioch, F., Strzoda, L.

Inst :

Title : Changes in the Blood Circulation System of People
Resting in Conditions of Humid Heat.

Orig Pub: Acta physiol. polon., 1956, 7, No 4, 435-447.

Abstract: When 468 healthy, 20-45 years old life savers (from a mountain area) were placed in a restful position into a heat chamber with a 50° [C] temperature and a relative humidity of 50 percent, their maximal arterial pressure (AP) decreased considerably during the first 30 minutes. The decrease which followed then was insignificant, for the lowest AP amounted to 68 mm of the mercurial

Card : 1/3

27

SPIOCH, Franciszek Marian

Physiological role of iron in the organism; its intake and metabolism. Postepy hig. med. dosw. 11 no.1:95-106 1957.

1. Zaklad Fizjologii Si. AM. Zabrze 8-Rokitnica.
(IRON, metabolism,
physiol. role, review (Pol))

SPIOCH, Franciszek Marian

Peripheral eosinophil count with presentation of a method. Polski
tygod. lek. 12 no.25:960-962 17 June 57.

1. Z Zakladu Fizjologii Slaskiej Akademii Medycznej w Rokitnicy;
kierownik: prof. dr. Bronislaw Zawadzki.
(EOSINOPHIL COUNT,
technic (Pol))

SPIOCH, F.M.

Cardiac output per beat & per minute in man at rest & under the effect
of high temperature. Polski tygod. lek. 13 no.29:1101-1107 21 July 58.

1. Z Instytutu Medycyny Pracy w Przemysle Węglowym i Hutańczym w
Zabrze-Rokitnicy: dyrektor: prof. dr Brunon Nowakowski.

(HEART, physiol.

output per beat & per minute at rest, eff. of heat (Pol))
(HEAT, eff.

on cardiac output per beat & per minute in man at rest (Pol))

SPIOCH, Franciszek Marian (Zabrze 8-Rokitnica, ul. K. Marksa 19, Zaklad Fizjologii Sl. A.M.)

Effect of humid heat on the ascorbic acid level in blood & sweat. Polski tygod. lek. 13 no.33:1263-1266 18 Aug 58.

1. (Z Instytutu Medycyny Pracy w Przemysle Weglowym i Hutniczym w Zabrze-Rokitnicy; dyrektor; prof. dr Brunon Nowakowski)

(VITAMIN C

in blood & sweat, eff. of bodily exposure to humid heat (Pol))
(SWEAT

vitamin C level, eff. of bodily exposure to humid heat (Pol))
(TEMPERATURE, eff.

on vitamin C level of blood & sweat, exposure to humid heat
(Pol))

(HUMIDITY, eff.
same)

SPETT, Kazimierz; SPIOCH, Franciszek M.

Effects of ~~cytochrome~~ C administration on oxygen consumption & carbon dioxide elimination in rabbits poisoned by carbon monoxide. Polski tygod. lek. 13 no.52:2128-2130 29 Dec 58.

1. (Z Pracowni Toksykologii i Pracowni Fizjologii Pracy Instytutu Medycyny Pracy w Przemysie Weglowym i Hutniczym w Zabrzu-Rokitnicy; dyrektor: prof. dr Brunon Nowakowski) Adres: Zabrze 8 (Rokitnica), ul. Marks 19. Instytut Medycyny Pracy.

(CARBON MONOXIDE, pois.

eff. of cytochrome c on oxygen consumption dioxide elimination in rabbits (Pol))

(CYTOCHROME, eff.

c, on oxygen consumption & carbon dioxide elimination in carbon monoxide pois. in rabbits (Pol))

(METABOLISM, TISSUE

oxygen consumption & carbon dioxide elimination, eff. of cytochrome c in exper. carbon monoxide pois. in rabbits (Pol))

SPIOCH, M. Fr.

Effect of thermal stress on serum proteins and on certain physical properties of human blood. Acta physiol. polon. 10 no.2:167-181 Mar-Apr 59.

1. Z Instytutu Medycyny Pracy w Przemysle Weglowym i Hutniczym w Zabrzu
Rokitnicy Dyrektor: prof. dr Br. Nowakowski Z Zakladu Fizjologii Slaskiej
A.M. w Zabrzu-Rokitnicy P. O. Kierownik: lek. M. Krause Z Osrodku Badan
Lekarskich przy Centralnej Stacji Ratownictwa Gorniczego P. W. Bytomiu
Kierownik: lek. Fr. M. Spioch.

(BLOOD,

eff. of thermal stress in human volunteers on physical
properties (Pol))

(BLOOD PROTEINS, physiol.

eff. of thermal stress in human volunteers (Pol))

(HEAT, eff.

on blood proteins & other properties in human volunteers
(Pol))

NIEBROJ-DOBOSZ, Irena; SPETT, Kazimierz; SPIOCH, Franciszek, M.

Effect of cytochrome c on the alkali reserve level in acute carbon monoxide poisoning in guinea pigs. Polski tygod. lek. 14 no.22: 1000-1002 1 June 59.

1. (Z Instytutu Medycyny Pracy w Przemysle Węglowym i Hutniczym w Zabrzu-Rokitnicy, dyrektor: prof. dr Bronisław Nowakowski) Otrzymano: 21.XI.1958; adres: Warszawa, ul. Washingtona 42 m. 11.

(ACID BASE EQUILIBRIUM

alkali reserve in acute carbon monoxide pois., eff.
of cytochrome c in guinea pigs (Pol))

(CARBON MONOXIDE, pois.

eff. of cytochrome c on alkali reserve in acute pois.
in guinea pigs (Pol))

(CYTOCHROMES, eff.

c, on alkali reserve in acute carbon monoxide pois,
in guinea pigs (Pol))

SPIOCH, Franciszek M.

Serum vitamin C level in miners (inhabitants of Silesia).
Polaki tygod. lek. 14 no.41:1825-1829 12 Oct 59.

1. (Z Instytutu Medyczny Pracy w Przemysle Węglowym i Hutniczym
Zabrze-Rokitnica; dyrektor: prof. dr Bronisław Nowakowski z Zakładu Fizjologii
Sl. A. M. Zabrze-Rokitnica; kierownik: p.o. lek Mieczysław Krause i z
Osrodku Badan Lekarskich przy Centralnej Stacji Ratownictwa Górnictwa
Przemysłu Węgielowego w Bytomiu; kierownik: lek. Franciszek M. Spioch).
(VITAMIN C, blood) (MINING)

SPIOCH, Franciszek M.; HRYCKO-SPIOCHOWA, Maria

Effect of cytochrome e in experimental hypoxia caused by carbon monoxide poisoning. *Arch.immun.ter.dosw.* 8 no.4:759-774 '60.

1. Instytut Medycyny Pracy w Przemysle Weglowym i Hutaiczym w Zabrzu-Rokitnicy, Zaklad Anatomii Patologicznej Slaskiej Akademii Medycznej w Zabrzu-Rokitnicy, Ośrodek Badań Lekarskich przy Centralnej Stacji Ratownictwa Górnictwa w Bytomiu.

(ANOXIA exper) (CYTOCHROMES metab)
(CARBON MONOXIDE toxicol)

SPIŁOCH, Franciszek M.; ROZMUS, Jerzy

A simple method for the determination of oxygen utilization by
small experimental animals. Acta physiol pol 12 no.2:295-302 '61.

1. Z Zakladu Fizjologii Slaskiej A.M. w Zabrze-Rokitnicy p.o.
Kierownika: dr M. Krause Z Ośrodka Badan Lekarskich przy Centralnej
Stacji Ratownictwa Gorniczego w Bytomiu Dyrektor: inz. mgr K. Cehak.
(OXYGEN metab)

(SPIOCH, Franciszek M.

On thermal loss of iron with the sweat in man. Polski tygod. lek.
16 no.19:701-703 8 My '61.

1. Z Instytutu Medycyny Pracy w Przemysle Weglowym i Hutniczym
Zabrze-Rokitnica; dyrektor: prof. dr B. Nowakowski, z Zakladu
Fizjologii Sl. A.M., Zabrze-Rokitnica; p.o. kierownika: dr med. M.
Krause, z Osrodka Badan Lekarskich przy C.S.R.G. w Bytomiu; kierownik
Osrodka: dr med. Fr. M. Spioch.

(SWEAT chem) (IRON metab) (HEAT)

SPIOCH, Franciszek M.; KOBZA, Romuald; RUMP, Slawomir

Effects of respirators on some physiological reactions to physical effort. Acta physiol. polon. 13 no.5:637-649 '62.

1. Z Instytutu Medyczny Pracy w Frzemysele Weglowym i Hutniczym w Zabrze-Rokitnicy Dyrektor: doc. dr J. Nofer Z Lekarskiego Osrodku Naukowo-Badawczego przy Centralnej Stacji Ratownictwa Gorniczego w Bytomiu Kierownik: dr med. Fr. M. Spioch.

(EXERTION) (RESPIRATORS) (BLOOD PRESSURE)
(HEART FUNCTION TESTS) (RESPIRATORY FUNCTION TESTS)

SPIOCH, Franciszek M.; KOWA, Romuald

Dynamics of functional changes in the human circulatory system under the influence of high air temperature and humidity. Acta physiol. Pol. 14 no.4:411-418 Jl-Ag '63.

Dynamics of biochemical and morphological changes of the human blood under the influence of high air temperature and humidity. Ibid.:419-429

1. Z Instytutu Medycyny Pracy w P.W. i H. w Zabrze-Rokitnicy (Dyrektor: doc. dr. J. Nofer) i z Lekarskiego Ośrodka Naukowo-Badawczego Centralnej Stacji Ratownictwa Górnictwa w Bytomiu (Kierownik: doc. dr. F.M. Spioch).

SPIOCH,Franciszek,M.; ROZNUS, Jerzy

A new method for metabolic studies in animals under varied experimental conditions. Acta physiol. pol. 14 no.6:679-688 N-D'63

l. Z Lekarskiego Osrodka Naukowo-Badawczego Centralnej Stacji Ratownictwa Gorniczego w Bytomiu; dyrektor stacji: mgr. inz. K.Cehak; kierownik osrodka: doc.dr. Fr.M.Spioch.

*

A. J. H. VAN DER VELDE

medical medicine and ergonomics in Poland and in foreign countries, Roc. tyg. lek. 69 no.17:649-652 20 Ap '61.

„7 Pracowni Fizjologii Krępy Instytutu Medycznego Krępy w
Lekarstwie Węglowym i Kuchniowym (kierownik pracowni: doc.
dr. Fr. M. Spioch).

SPIOCH, Franciszek Marian, doc. dr med.

Present views of the mechanism of the poisoning action of carbon oxide. Przegl gorn 20 no.9:445-450 S '64.

1. Medical Research Center, Central Station of Mining Rescue, Bytom.

SPŁOCH, Franciszek M. doc. dr., KOBZA, Romuald

Biochemical basis of the functional "Harvard step-up test".
Acta physiol. Pol. 16 no.1:65-80 Ja-F'65.

I. Pracownia Fizjologii Pracy Instytutu Medycyny Pracy w
Przemysle Weglowym i Hutańczym w Zabrze-Rokitnicy (Dyrektor
Instytutu: prof. dr. W. Zahorski; Kierownik Pracowni: doc. dr.
F.M. Spłoch).

CHWALIBOGOWSKI, A.; WYRZYKOWSKA, I.; SPIOCHOWA, M.

Case of Brill-Symmers disease in a 12-year-old child. Pediat.
polska 31 no.5:535-541 May 56.

1. Z Kliniki Chorob Dzieci Kierownik: prof. dr. med.
A. Chwalibogowski i z Zakl. Anat. Patolog. Slaskiej A.M. w
Rokitnicy-Zabrze, Kierownik: prof. dr. med. W. Niepolomski,
Zabrze, 3 Maja 63, Klinika Pediatriczna A.M.

(LYMPHOSARCOMA,
giant follicular in adolescent (Pol))

SMIGLA, Krystyna; SPIOCHOWA, Maria

Breast cancer on the basis of bioptic material from the
Department of Pathological Anatomy of the Silesian Academy
of Medicine. Pat. polska 7 no.4:365-371 Oct-Dec 56.

1. Z Zakladu Anatomii Patologicznej Sl. A.M. w Zabrzu Kierownik:
doc. dr. W. Miepolomski. Zabrze, 3 Maja 13/15.
(BREAST NEOPLASMS, pathol.
histopathol. of bioptic material, statist. (Pol))

SPŁOCHOWA, Maria; SMIGŁA, Krystyna

Apropos of morphological changes of skeletal muscles in dermatomyositis. Pat. Pol. 15 no. 4:519-525 C-D '64

1. Z Zakładu Anatomii Patologicznej Śląskiej Akademii Medycznej w Zabrzu (Kierownik: prof. dr. med. W. Niepłomski).

KASPEREK, Stefan; SPIOCHOWA, Maria; BORKOWSKA, Zofia; GRUDZINSKA, Barbara

Observations on cases of subacute sclerosing leukoencephalitis.
Pediatria Pol. 40 no.8:843-850 Ag '65.

1. Z Kliniki Neurologicznej Slaskiej AM w Zabrzu (Kierownik:
prof. dr. W. Chlopicki).

P/2507/63/013/42-/0077/0080

ACCESSION NR: A14023930

AUTHOR: Spionek, W.

TITLE: Production of microwave antenna reflectors from laminated plastics

SOURCE: Warsaw. Przemyslowy Instytut Telekomunikacji. Prace, v. 13, no. 42-43, 1963, 77-80

TOPIC TAGS: antenna reflector, microwave antenna reflector, plastic antenna reflector, plastics, laminated plastics, parabolic antenna, parabolic antenna reflector

ABSTRACT: Article describes a method of producing laminated microwave antenna reflectors with diameters of several meters. These are made out of a glass cloth on mat which is stretched on a form and supersaturated with a polyester resin. The durability of these laminated reflectors is a vital factor in their application. Temperature fluctuations over the range -40 to +60C as well as the effects of rain, snow and ice do not have any damaging effects on these reflectors. The economy of production is noteworthy. In the case of a 1.1

Card 1/2

ACCESSION NR: AT4023930

meter diameter antenna wherein laminated braces replace metal ones, the savings amount to about 30%, while the savings amount to 45% of the total reflector cost for an antenna of 1.5 meter diameter. It should also be mentioned, that a 2.5 x 0.7 meter antenna which is all-metal will cost about 7 times as much as a laminated one. Epoxy resin laminates are used more frequently in the more modern designs. These are somewhat more expensive than the polyester resins, but the shrinkage is much less. The surface of the reflectors is spray aluminum-coated to a thickness of about 0.1 mm. The reflectors intended for operation in an 8 mm wave band are painted with colloid silver. Orig. art. has: 6 figures and 1 table

ASSOCIATION: nons

SUBMITTED: 22Nov62

DATE ACQ: 09Apr63

ENCL: 00

SUB CODE: MA, 00

NO REF Sov: 000

OTHER: 005

Card 2/2

SPIONEK, Witold

Mirrors for microwave antennas made of polyesters reinforced
with fiber glass. Polimery tworzą wiele 10 no.2:76-68 F '65.

1. Industrial Institute of Telecommunication, Wroclaw.

SPIGNEK, W.

Production of mirrors of microwave antennas from layered plastics.
Przem inst telekom prace 13 no.42/43:77-80 '63.

SPIRA, A.

Contributions to the problem of gauging weaving looms in order to achieve unified regulation. p. 164.

INDUSTRIA TEXTILA

Vol. 7, no. 4, Apr. 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652710008-1

RUMANIA / Chemical Technology, Chemical Products and Their Application. Part 4 - Artificial and Synthetic Fibers

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 13188.

Author : A. Spira.

Inst : Not given

Title : To The Question of Standardization of Yarn Made of Viscous Staple Fiber Type "B".

Orig Pub : Ind. textila, 1957, 8, No 1, 14 - 15.

Abstract : At the discussion of the possibility of standardizing yarn manufactured of viscous staple fiber type "B", some measures were proposed. These measures are directed to improve the uniformity of yarn mainly by improving the inspection and by equipping laboratories with dinamometers, conditioners, psychrometers and other modern outfit.

SPIRA, A

TECHNOLOGY

PERIODICAL: INDUSTRIA TEXTILE, Vol. 9, no. 12, Dec. 1958

SPIRA, A. Creation of new articles. p. 462

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass

SPIRA, M.E., OUNZ, Martin

Phenolsulfonphthalein test of oviduct patency. Lek, obzor 3 no.7-8:
435-436 1954.

1. Z porod.-gynek. oddel. OUNZ, Martin

(FOLLOPIAN TUBES

patency test, phenolsulfonphthalein)

(PHENOLPHTALEIN DYES

phenolsulfonphthalein in patency test of fallopian tubes)

SPIRAK, J.

Adriatic highway from Novi to Zadar (Conclusion) p.274
CESTE I MOSTOVI. (uprava za cestre NR Hrvatske) Zagreb.
Vol. 4, no. 7, July 1956

SOURCE: East Europe Accession Lists (EEAL),
Library of Congress, Vol. 5, no.11, Nov. 1956

SPIRAKOV, M. S.

AID P - 222

Subject : USSR/Engineering
Card : 1/1
Author : Spirakov, M. S., Engineer
Title : Crane "Pioner - 2M"
Periodical : Sbor. mat. o nov. tekhn. v stroi., 1, 22-23, 1954
Abstract : Described is a rotating crane, whereby a boom is brought to the upper frame of a movable platform. It is used to hoist material (bricks, cement, steel, etc.) for building construction. A table gives all construction data. Photo.
Institution : Leningrad Mechanized Erection Construction Trust
(Lenmekhmontazhstroy)
Submitted : No date

L 38140-65 - EWT(d)/EEC(k)=2/EEC=4 - Pg-4/Pg-4/Pg-4/PE-4/PI-4
ACCESSION NR: AP5006979

P/0034/65/000/002/0072/0074

34

33

B

AUTHOR: Spiralski, L. (Master engineer); Tylman, A. (Master engineer)

TITLE: Measurement of the collector characteristic slope S of transistors in the frequency range 100 kcps-100 Mcps

SOURCE: Pomiary, automatyka, kontrola, no. 2, 1965, 72-74

TOPIC TAGS: Transistor evaluation, transistor characteristic slope, collector characteristic slope, transistor manufacture

ABSTRACT: The paper discusses the problem of measuring the modulus of the collector characteristic slope of transistors, with particular emphasis on measurements above 30 Mcps. A description is then given of a few instruments for such measurements which were designed and constructed at the Zaklad Teletransmisi Politechniki Gdanskiej (Teletransmission Department of Gdansk Polytechnic Institute) for the frequency range 100 kcps to 100 Mcps. The instruments were made in the form of meters for specific frequencies, e.g., 500 kcps, 10.7 Mcps, 100 Mcps or for a wider frequency range, e.g., from 100 kcps to 30 Mcps. The meters were made for measuring p-n-p and n-p-n type transistors operating in the common-emitter circuit configuration, but they can easily be modified for measuring transistors operating in the common-base circuit configuration.

Card 1/4

L 38140-65

ACCESSION NR: AP5006979

A general description of the meters is given as well as the design approach employed. The meter for measuring slopes at 100 Mcps is described in detail and its block diagram is shown in Fig. 2 of the Enclosure. A schematic of a vacuum-tube switch and the circuit for biasing the transistors is also given (see Fig. 1 or the Enclosure). Some of the technical specifications of this meter are as follows:

- (i) The modulus of the slope of a transistor connected in the common-emitter configuration is measured in three ranges 30-100 mA/V, 9 - 30 mA/V, 3-10 mA/V;
- (ii) The measurement frequency is 100 Mcps \pm 3%; the magnitude of the applied measurement signal depends on the measured slope, e.g., for a slope of 100 mA/V the measurement signal is less than 0.8 mV and for a slope of 10 mA/V the measurement signal is less than 8 mV; the accuracy of slope measurement is \pm 7.5%.

Such meters were manufactured for quality control in the production of transistors.
Orig. art. has 3 figures and 3 formulas.

ASSOCIATION: Zaklad Teletransmisi Politechniki Gdanskiej (Teletransmission Department, Gdansk Polytechnic Institute)

SUBMITTED: 00

ENCL: 02

SUB CODE: EC

NO REF SOV: 000

OTHER: 003

Card 2/4

SPIRALSKI, Orest, mgr inz.

Jubilee anniversaries of the Ziemiowit Mine. Wiad gorn 14 no.4:97-
99 Ap '63.

SPIRAJSKI, Orest, mgr inż.

Outlines of the history of mining in Leżiny. Wiadom gorn 1:
no.2:63-64 P '65.

SPIRANEC, M.

SPIRANEC, M.

Yugo-Savia (430)

Agriculture-Plant and Animal Industry

The initial physiologicaI maturity of forest trees. p. 213. SUMARSKI

LIST. Vol. 75, no. 6, June 1951.

East European Acquisitions List. Library of Congress. Vol. 2, no. 3.

March 1953. UNCLASSIFIED.

SECRET

"Differential rent in the forest economy." p. 276 (VILAJSKI LIST, Vol. 76, no. 6, Aug. 1959, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions, Vol. 2, #3, Library of Congress
August, 1959, Enccl.

M. SPIRANIC

"The Concept of Differential Position Rent. p. 147" (SUMARSKI LIST, Vol. 77,
No. 3, Mar. 1953, Zagreb, Yugoslavia)

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MILLI, J., int., correspondent; STREHLER, E., int., correspondent; IOMASCO, L.,
int., correspondent.

Final lectorate. Contra B12 162 19 D 164.

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Central and peripheral interactions of 7.3-b.e.v. negative pions in emulsions. E. Friedländer, M. Marcu, and M. Spîrchez (Inst. At. Phys., Bucharest). *Acad. rep. populară Române, Inst. fiz. at. IFA/EM-39*, 7 pp. (1959) (in English).—In collisions of 7.3-b.e.v. π^- with emulsion nuclei, about $\frac{1}{4}$ of the incident energy is transferred to secondary pions. About $\frac{1}{3}$ of the collisions are peripheral, and are interactions of the incident π^- with virtual pions in the meson cloud of the emulsion nucleus. The production and fast decay of pionic resonant (isobaric) states can be assumed for the kinematics of peripheral meson showers, especially for the $\pi-\pi$ events. The results are derived from irradiation of a stack of 100 NIKFI-R pellicles, $10 \times 20 \times 0.04$ cm. each, in the 7.3-b.e.v. π^- beam of the JINR proton synchrotron at Dubna to a total dose of 18 pions/sq. cm. A total of 543 interactions has been detected. 17 references.
Manfred Mannheimer

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S/058/62/000/011/013/061

A052/A101

AUTHORS: Friedländer, E. M., Marcu, M., Spirchez, M.

TITLE: On the angular distributions and multiplicity of secondary particles formed in 9 GeV proton collisions with light nuclei

PERIODICAL: Referativnyy zhurnal, Fizika, no. 11, 1962, 53, abstract 11B395
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TEXT: In emulsions irradiated in the internal proton beam of the OIYaI synchrophasotron, investigations were made on collisions of protons with nuclei of light elements (C, N, O) forming > 3 shower particles. In all, 721 such interactions were detected. It was found that multiplicity of the shower particles does not depend on the number of black tracks in the star. This circumstance contradicts the model of multiple meson formation in the nucleus in consecutive interactions. Such angular distributions of shower particles in the center-of-mass system were investigated. The authors conclude that a part of the "jets" has an isotropic angular distribution and a part is characterized by a strong anisotropy.

[Abstracter's note: Complete translation]

L. Landsberg

Card 1/1

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49-51 P 1 66.

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Abs Jour : Rof Zhur - Biologiya, No 13, 1958, No. 60456

Author : Spirchez, T.; Stoichita, S.; Marinescu, E.; Schiau, S.;
Dulghorul, C.; Constantinescu, S.; Tacorian, S.;
Aloman, L.; Ionoscu, F.; Stoica, M.; Clojan, L.;
Aloman, N.

Inst : Not given

Title : Pathophysiology of the Afferent Intestinal Loop and
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Resection

Orig Pub : Mod. interna, 1957, 9, No 2, 231-247

Abstract : No abstract given

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